## **RENEWAL** OF

## NATIONAL INSTITUTES OF HEALTH

## ANIMAL STUDY PROPOSAL

PROPOSAL# _	
APPROVAL DATE	

A ADMINISTRATIVE DATA.				
A. ADMINISTRATIVE DATA:  Institute Center or Division:		Division Laborate	ory or Branch	
Institute, Center, or Division:				
Principal Investigator:				
Building:	Room:	Telephone:	FAX:	
Project Title:				
Renewal of		ll individuals authorized to l and identify kæynpelsonnel		ving
Name:	Degree:	Position Title, Affil	iation:	
O Fully qualified in all relevan	t animal procedures O	Will be trained and supervis	sed by	
Name: O Fully qualified in all relevan				
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O Fully qualified in all relevan	t animal procedures O	Will be trained and supervis	sed by	
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B. ANIMAL REQUIREMENTS:				
Species:	Age/\	Weight/Size:		Sex:
Stock or Strain:		Source(s):		
Holding Location(s):	Anir	mal Procedure Location(s):		
Number of animals justified pre	eviously, but not yet used:			
Number of animals previously	ustified, and currently be	ing used (e.g. nonhuman pr	imates, rabbits, etc.):	
Number of additional animals r	equested: Year 1	$\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$	TOTAL	
C. EXPLANATION OF NUMBER O	F ANIMALS LISTED:	Explain the number of	f animals listed in Section E	3 in terms of the

EXPLANATION OF NUMBER OF ANIMALS LISTED: Explain the number of animals listed in Section B in terms of the number of animals previously approved. Justify any additional animals beyond those already approved in terms of the progress of the experiments and the future course of study.

D. DESCRIPTION OF EXPERIM	ENTAL DESIGN AND ANIMAL PROC	CEDURES:	
	ve changes in this proposal since its las changes in this proposal which are deta		
E. PAIN OR DISTRESS CATEG	ORY: (See Attachment I for de	efinitions and guidelines.) Indica	te the number of animals
used each year in each categ	gory. Sum(s) should equal total from	Section B. Year 1	Year 2
	Minimal, Transient, or No Pain or Dist		
	Pain or Distress Relieved by Appropris	ate Measures	
USDA Column E - (	Unrelieved Pain or Distress***		
	d in Column E, a scientific justification following painful or distressful procestached page.		
F. PRINCIPAL INVESTIGATOR	CERTIFICATIONS:	(See Attachment II for furth	her guidance.)
1. I certify that I have attended a	an approved NIH investigator training	course.	
Year of Course Attendar	ice	Location	
	ed that the research proposed herein is	not unnecessarily duplicative of	previously reported research.
3. I certify that all individuals w	orking on this proposal are participating	ng in the NIH Animal Exposure S	Surveillance Program.
proposal, and have, or will re techniques (if necessary), in t	s listed in Section A are authorize ceive training in the biology, handling the concept, availability, and use of reoper use of anesthetics, analgesics, cerns.	g, and care of this species, in asepsearch or testing methods that li	otic surgical methods and mit the use of animals or
and the sources and or datab	<b>n E Proposals (see Section E):</b> I certasses and have found no valid alternate r distress. The methods and sources to	tive to any procedures described	herein which may cause
6. I will inform the ACUC of an	y proposed significant changes in this	study.	
Principal Investigator S	ignature:		Date:
G. CONCURRENCES:			
	certification of review and approval cure required for proposals submitted b		
Name:	Signature:		Date:
	rinarian certification of review.		
			_
Name:	Signature:		Date:
H. FINAL APPROVAL:			
Certification of review and	approval by the Animal	Care and Use Committee Cha	irperson.
Name:	Signature:		Date:

DMINISTRATIVE DATA (continued):	
Name: Degree:	Position Title, Affiliation:
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C. EXPLANATION OF NUMBER OF ANIMALS LISTED (continued):
D. DESCRIPTION OF EXPERIMENTAL DESIGN AND ANIMAL PROCEDURES (continued):
E. PAIN OR DISTRESS CATEGORY:
F. PRINCIPAL INVESTIGATOR CERTIFICATIONS: Methods and sources used in search (continued):



